

FORM 1449*

INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

13615.21USU1

Application Number:

09/895,871

Applicant: FANG ET AL.

Filing Date: JUNE 29, 2001

Group Art Unit: 4645/22y

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RR	4,224,179 (456)	09/23/1980	Schneider	—	—	
RR	4,231,877 (457)	11/04/1980	Yamauchi et al.	—	—	
RR	4,235,871 (447)	11/25/1980	Papahadjopoulos	—	—	
RR	4,247,411 (448)	01/27/1981	Vanlerberghe et al.	—	—	
RR	4,394,448 (458)	07/19/1983	Szoka, Jr. et al.	—	—	
RR	4,399,216 (459)	08/16/1983	Axel et al.	—	—	
RR	4,522,811 (707)	06/11/1985	Eppstein et al.	—	—	
RR	4,616,088 (688)	10/07/1986	Ryono et al.	—	—	
RR	4,636,491 (598)	01/13/1987	Bock et al.	—	—	
RR	4,665,193 (706)	05/12/1987	Ryono et al.	—	—	
RR	4,668,770 (99)	05/26/1987	Boger et al.	—	—	
RR	4,673,567 (460)	06/16/1987	Jizomoto	—	—	
RR	4,676,980 (461)	06/30/1987	Segal et al.	—	—	
RR	4,736,866 (474)	04/12/1988	Leder et al.	—	—	
RR	4,749,792 (597)	06/07/1988	Natarajan et al.	—	—	
RR	4,753,788 (462)	06/28/1988	Gamble	—	—	
RR	4,814,270 (463)	03/21/1989	Piran	—	—	
RR	4,816,567 (464)	03/28/1989	Cabilly et al.	—	—	
RR	4,870,009 (465)	09/26/1989	Evans et al.	—	—	
RR	4,880,781 (13)	11/14/1989	Hester, Jr. et al.	—	—	
RR	4,897,355 (466)	01/30/1990	Eppstein et al.	—	—	
RR	5,010,182 (467)	04/23/1991	Brake et al.	—	—	
RR	5,142,056 (590)	08/25/1992	Kempe et al.	—	—	
RR	5,145,684 (846)	09/08/1992	Liversidge et al.	—	—	
RR	5,162,538 (17)	11/10/1992	Voges et al.	—	—	
RR	5,175,281 (594)	12/29/1992	McCall et al.	—	—	
RR	5,250,565 (444)	10/05/1993	Brooks et al.	—	—	

U.S. PATENT DOCUMENTS

EXAMINER	RR Payman	DATE CONSIDERED	6-7-03
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

FORM 1449*

INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

13615.21USU1

Application Number:

09/895,871

Applicant: FANG ET AL.

Filing Date: JUNE 29, 2001

Group Art Unit: 1645-221

DEC 19 2001

TECH CENTER 1600/2400

RECEIVED

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RR	5,364,934 (468)	11/15/1994	Drayna et al.	—	—	
RR	5,374,652 (446)	12/20/1994	Buzzetti et al.	—	—	
RR	5,376,542 (469)	12/27/1994	Schlegal	—	—	
RR	5,387,742 (177)	02/07/1995	Cordell	—	—	
RR	5,441,870 (189)	08/15/1995	Seubert et al.	—	—	
RR	5,461,067 (599)	10/24/1995	Norbeck et al.	—	—	
RR	5,475,138 (556)	12/12/1995	Pal et al.	—	—	
RR	5,481,011 (847)	01/02/1996	Chen et al.	—	—	
RR	5,482,947 (838)	01/09/1996	Talley et al.	—	—	
RR	5,502,061 (591)	03/26/1996	Hui et al.	—	—	
RR	5,502,187 (595)	03/26/1996	Ayer et al.	—	—	
RR	5,508,294 (837)	04/16/1996	Vazquez et al.	—	—	
RR	5,510,349 (853)	04/23/1996	Talley et al.	—	—	
RR	5,510,388 (703)	04/23/1996	Vazquez et al.	—	—	
RR	5,516,784 (640)	05/14/1996	Bennett et al.	—	—	
RR	5,521,219 (850)	05/28/1996	Vazquez et al.	—	—	
RR	5,545,640 (642)	08/13/1996	Beaulieu et al.	—	—	
RR	5,593,846 (201)	01/14/1997	Schenk et al.	—	—	
RR	5,602,175 (542)	02/11/1997	Talley et al.	—	—	
RR	5,602,169 (445)	02/11/1997	Hewawasam et al.	—	—	
RR	5,604,102 (202)	02/18/1997	McConlogue et al.	—	—	
RR	5,610,190 (638)	03/11/1997	Talley et al.	—	—	
RR	5,612,486 (185)	03/18/1997	McConlogue et al.	—	—	
RR	5,625,031 (470)	04/29/1997	Webster et al.	—	—	
RR	5,631,405 (554)	05/20/1997	Pal et al.	—	—	
RR	5,639,769 (836)	06/17/1997	Vazquez et al.	—	—	
RR	5,648,511 (704)	07/15/1997	Ng et al.	—	—	
RR	5,663,200 (18)	09/02/1997	Bold et al.	—	—	
RR	5,708,004 (536)	01/13/1998	Talley et al.	—	—	

EXAMINER

RR Raymond

DATE CONSIDERED

6-10-07

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 13615.21USU1	Application Number: 09/895,871
	Applicant: FANG ET AL.	
	Filing Date: JUNE 29, 2001	Group Art Unit: 1649/624

RR	5,720,936 (186)	02/24/1998	Wadsworth et al.	—	/	
RR	5,721,130 (184)	02/24/1998	Seubert et al.	—	/	
RR	5,733,882 (29)	03/31/1998	Carr et al.	—	/	
RR	5,744,346 (182)	04/28/1998	Chrysler et al.	—	/	
RR	5,753,652 (711)	05/19/1998	Fässler et al.	—	/	
RR	5,760,064 (851)	06/02/1998	Vazquez et al.	—	/	
RR	5,760,076 (548)	06/02/1998	Vazquez et al.	—	/	
RR	5,766,846 (171)	06/16/1998	Schlossmacher et al.	—	/	
RR	5,807,870 (652)	09/15/1998	Anderson et al.	—	/	
RR	5,807,891 (19)	09/15/1998	Bold et al.	—	/	
RR	5,811,633 (176)	09/22/1998	Wadsworth et al.	—	/	
RR	5,827,891 (639)	10/27/1998	Dressman et al.	—	/	
RR	5,830,897 (653)	11/03/1998	Vazquez et al.	—	/	
RR	5,831,117 (547)	11/03/1998	Ng et al.	—	/	
RR	5,847,169 (645)	12/08/1998	Nummy et al.	—	/	
RR	5,849,911 (535)	12/15/1998	Fässler et al.	—	/	
RR	5,850,003 (705)	12/15/1998	McLonlogue et al.	—	/	
RR	5,863,902 (428)	01/26/1999	Munoz et al.	—	/	
RR	5,872,101 (429)	02/16/1999	Munoz et al.	—	/	
RR	5,877,015 (710)	03/02/1999	Hardy et al.	—	/	
RR	5,877,399 (178)	03/02/1999	Hsiao et al.	—	/	
RR	5,912,410 (418)	06/15/1999	Cordell	—	/	
RR	5,922,770 (543)	07/13/1999	Peschke et al.	—	/	
RR	5,935,976 (91)	08/10/1999	Bold et al.	—	/	
RR	5,942,400 (181)	08/24/1999	Anderson et al.	—	/	
RR	5,962,419 (434)	10/05/1999	McDonald et al.	—	/	
RR	5,965,588 (686)	10/12/1999	Vazquez et al.	—	/	
RR	6,001,813 (131)	12/14/1999	Gyorkos et al.	—	/	
RR	6,013,658 (16)	01/11/2000	Lau et al.	—	/	
RR	6,022,872 (644)	02/08/2000	Vazquez et al.	—	/	
RR	6,045,829 (538)	04/04/2000	Liversidge et al.	—	/	

EXAMINER	RR Raymond	DATE CONSIDERED	6-10-03
EXAMINER: Initial if reference considered/whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

FORM 1449*

INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

13615.21USU1

Application Number:

09/895,871

Applicant: FANG ET AL.

Filing Date: JUNE 29, 2001

Group Art Unit:

16281

TECH CENTER 1600/2300

DEC 1 9 2001

RECEIVED

RR	6,051,684 (427)	04/18/2000	McDonald et al.	—	—	
RR	6,060,476 (637)	05/09/2000	Vazquez et al.	—	—	
RR	6,150,344 (685)	11/21/2000	Carroll et al.	—	—	
RR	6,153,652 (191)	11/28/2000	Wu et al.	—	—	
RR	6,191,166 B1 (50)	02/20/2001	Audia et al.	—	—	
RR	6,221,670 B1 (355)	04/24/2001	Cordell et al.	—	—	

FOREIGN PATENT DOCUMENTS

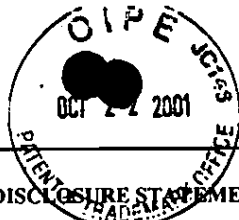
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
RR	0 036776 A2 (471)	09/30/1981	Europe	—	—		
RR	0 073 657 B1 (476)	03/09/1983	Europe	—	—		
RR	0 117 060 A2 (472)	08/29/1984	Europe	—	—		
RR	0 117 058 B1 (473)	08/29/1984	Europe	—	—		
RR	0 173 441 A1 (557)	05/03/1986	Europe	—	—		
RR	0 209 897 A2 (90)	01/28/1987	Europe	—	—		
RR	0 212 903 B1 (100)	03/04/1987	Europe	—	—		
RR	DE 3610593 A1 (98)	10/01/1987	Germany	—	—		
RR	0 264 106 B1 (101)	04/20/1988	Europe	—	—		
RR	DE 3721 855 A1 (93)	09/22/1988	Germany	—	—		
RR	0 274 259 A2 (89)	07/13/1988	Europe	—	—		
RR	2 203 740 A (544)	10/25/1988	UK	—	—		
RR	2 211 504 A (475)	07/05/1989	UK	—	—		
RR	0 320 205 A2 (102)	06/14/1989	Europe	—	—		
RR	0 337 714 (8)	10/18/1989	Europe	—	—		
RR	0 362 179 A2 (449)	04/04/1990	Europe	—	—		
RR	0 372 537 A2 (96)	06/13/1990	Europe	—	—		
RR	0 437 729 A2 (21)	07/24/1991	Europe	—	—		
RR	DE 40 03 575 A1	08/08/1991	Germany	—	—		
RR	0 609 625 A1 (567)	08/10/1994	Europe	—	—		
RR	0 652 009 A1 (709)	05/10/1995	Europe	—	—		
RR	7-126286 (97)	05/16/1995	Japan	—	—		

EXAMINER

DATE CONSIDERED

6-10-02

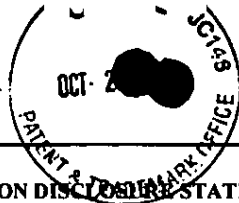
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.



FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 13615.21USU1	Application Number: 09/895,871
	Applicant: FANG ET AL.	
	Filing Date: JUNE 29, 2001	Group Art Unit: 1645 1624

RR	WO 87/02986 (551)	05/21/1987	PCT	—	—		
RR	WO 87/04349 (10)	07/30/1987	PCT	—	—		
RR	WO 87/05330 (454)	09/11/1987	PCT	—	—		
RR	WO 89/00161 (15)	01/12/1989	PCT	—	—		
RR	WO 89/01488 (12)	02/23/1989	PCT	—	—		
RR	WO 89/05859 (453)	06/29/1989	PCT	—	—		
RR	WO 90/13646 (452)	11/15/1990	PCT	—	—		
RR	WO 91/00360 (451)	01/10/1991	PCT	—	—		
RR	WO 92/00750 (537)	01/23/1992	PCT	—	—		
RR	WO 92/17490 (14)	10/15/1992	PCT	—	—		
RR	WO 92/20373 (455)	11/26/1992	PCT	—	—		
RR	WO 93/02057 (11)	02/04/1993	PCT	—	—		
RR	WO 93/08829 (450)	05/13/1993	PCT	—	—		
RR	WO 93/17003 (7)	09/02/1993	PCT	—	—		
RR	WO 94/04492 (848)	03/03/1994	PCT	—	—		
RR	WO 95/06030 (839)	03/02/1995	PCT	—	—		
RR	WO 97/30072 (22)	08/21/1997	PCT	—	—		
RR	WO 98/22597 (170)	05/28/1998	PCT	—	—		
RR	WO 98/29401 (562)	07/09/1998	PCT	—	—		
RR	WO 98/33795 (546)	08/06/1998	PCT	—	—		
RR	WO 98/50342 (550)	11/12/1998	PCT	—	—		
RR	WO 99/41266 (568)	08/19/1999	PCT	—	—		
RR	WO 99/54293 (635)	10/28/1999	PCT	—	—		
RR	WO 00/17369 (169)	03/30/2000	PCT	—	—		
RR	WO 00/47618 (364)	08/17/2000	PCT	—	—		
RR	WO 00/56335 (314)	09/28/2000	PCT	—	—		
RR	WO 00/61748 (302)	10/19/2000	PCT	—	—		
RR	WO 00/69262 (272)	11/23/2000	PCT	—	—		
RR	WO 00/77030 (256)	12/21/2000	PCT	—	—		
RR	WO 01/00663 (159)	01/04/2001	PCT	—	—		
RR	WO 01/00665 A2 (20)	01/04/2001	PCT	—	—		

EXAMINER <i>R. R. R.</i>	DATE CONSIDERED 6-10-03
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	



FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 13615.21USU1	Application Number: 09/895,871
	Applicant: FANG ET AL.	
	Filing Date: JUNE 29, 2001	Group Art Unit: 4645-1624

RR	WO 01/10387 A2 (443)	02/15/2001	PCT	—	—		
RR	WO 01/19797 A2 (381)	03/22/2001	PCT	—	—		
RR	WO 01/23533 A2 (289)	04/05/2001	PCT	—	—		
RR	WO 01/29563 A1 (479)	04/26/2001	PCT	—	—		
RR	WO 01/51659 A2 (790)	07/19/2001	PCT	—	—		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RR	Abbenante, et al., <i>Biochemical and Biophysical Research Communications</i> , 2000, 268, pp. 1331-35 Inhibitors of β -Amyloid Formation Based on the β -Secretase Cleavage Site [439]
RR	Alterman et al., <i>J. Med. Chem.</i> , 1998, 41, 3782-3792 Design and Synthesis of New Potent C ₂ -Symmetric HIV-1 Protease Inhibitors. Use of L-Mannaric Acid as a Peptidomimetic Scaffold [868]
RR	Amblard et al., <i>J. Med. Chem.</i> , 1999, 42:20, pp. 4193-4201 Synthesis and Characterization fo Bradykinin B ₂ Receptor Agonists Containing Constrained Dipeptide Mimics [730]
RR	Arrowsmith et al., <i>Tetrahedron Letters</i> , 1987, 28:45, pp. 5569-5572 Amino-Alcohol Dipeptide Analogues: A Simple Synthesis of a Versatile Isostere for the Development of Proteinase Inhibitors [584]
RR	Askin et al., <i>The Journal of Organic Chemistry</i> , 1992, 57:10, pp. 2771-2773 Highly Disastrous Alkylations of Chiral Amide Enolates: New Routes to Hydroxyethylene Dipeptide Isostere Inhibitors of HIV-1 Protease [561]
RR	Balicki et al., <i>Synth. Comm.</i> , 1993, 23(22), pp. 3149-3155 Mild and Efficient Conversion of Nitriles to Amides with Basic Urea-Hydrogen Peroxide Adduct [874]
RR	Barton, <i>Protective Groups in Organic Chemistry</i> , 1976, Chpt. 2, pp. 43-93 Protection of N-H Bonds and NR ₂ [718]
RR	Basu et al., <i>Tetrahedron Letters</i> , 1998, 39, pp. 3005-3006 Efficient Transformation of Nitrile into Amide under Mild Condition [881]
RR	Bennett et al., <i>Synlett</i> , 1993, 9, pp. 703-704 The Synthesis of Novel HIV-Protease Inhibitors via Silica Gel Asisted Addition of Amines to Epoxides [744]
RR	Berge et al., <i>Journal of Pharmaceutical Sciences</i> , 1/1977, 66:1, pp. 1-19 Pharmaceutical Salts [735]
RR	Blatt, <i>Organic Syntheses</i> , Collective Vol. 2, pp. 312-315 Heptaldoxime [883] (no date)
RR	Bodendorf et al., <i>The Journal of Biological Chemistry</i> , 2001, 276:15, pp. 12019 - 12023 A Splice Variant of β -Secretase Deficient in the Amyloidogenic Processing of the Amyloid Precursor Protein [493]

EXAMINER RR Raymond	DATE CONSIDERED 6-10-03
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

Date Mailed:

Sheet 7 of 11

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 13615.21USU1	Application Number: 09/895,871
	Applicant: FANG ET AL.	
	Filing Date: JUNE 29, 2001	Group Art Unit: 4645-162-1

RR	Bose et al., <i>Synth. Comm.</i> , 1997, 27(18), pp. 3119 - 3123 A Facile Hydration of Nitriles by Dimethyldioxirane [876]
RR	Calderwood et al., <i>Tetrahedron Letters</i> , 1997, 38:7, pp. 1241 - 1244 Organocerium Reactions of Benzamides and Thiobenzamides: A Direct Synthesis of Tertiary Carbinamines [741]
RR	Chen et al., <i>Tetrahedron - Mannaric Acid Letters</i> , 1997, 38:18, pp. 3175 - 3178 A Practical Method for the Preparation of α' -Chloroketones of N-Carbamate Protected- α -Aminoacids [885]
RR	Ciganek, <i>J. Org. Chem.</i> , 1992, 57:16, pp. 4521 - 4527 Tertiary Carbinamines by Addition of Organocerium Reagents to Nitriles and Ketimins [721]
RR	Citron et al., <i>Nature</i> , 1992, 360:6405, pp. 672-674 Mutation of the β -amyloid Precursor Protein in Familial Alzheimer's Disease Increases β -Protein Production [722]
RR	Cushman et al., <i>J. Med. Chem.</i> , 1997, 40:15, pp. 2323 - 2331 Synthesis of Analogs of 2-Methoxyestradiol with Enhanced Inhibitory Effects on Tubulin Polymerization and Cancer Cell Groth [734]
RR	Deno, et al., <i>J. Am. Chem. Soc.</i> , 1970, 92:7, pp. 3700 - 3703 Protonated Cyclopropane Intermediates in the Reactions of Cyclopropanecarboxylic Acids [727]
RR	Diedrich et al., <i>Tetrahedron Letters</i> , 1993, 34:39, pp. 6169-6172 Stereoselective Synthesis of A Hydroxyethylene Dipeptide Isostere [559]
RR	Diercks et al., <i>J. Am. Chem. Soc.</i> , 1986, 108:11, pp. 3150-3152 Tris(benzocyclobutadieno)benzene, the Triangular [4]Phenylene with a Completely Bond-Fixed Cyclohexatriene Ring: Cobalt-Catalyzed Synthesis from Hexaethynylbenzene and Thermal Ring Opening to 1,2:5,6:9, 10-Tribenzo-3,4,7,8,11,12 hexadehydro[12]-annulene [728]
RR	Dovey et al., <i>Journal of Neurochemistry</i> , 2001, 76, pp. 173-181 Functional Gamma-Secretase Inhibitors Reduce Beta-Amyloid Peptide Levels in Brain [396]
RR	Dragovich et al., <i>Journal of Medicinal Chemistry</i> , 1999, 42:7, pp. 1203-1212 Structure-Based Design, Synthesis, and Biological Evaluation of Irreversible Human Rhinovirus 3C Protease Inhibitors [553]
RR	Emilien, et al., <i>Neurological Review</i> , 2000, 57, pp. 454-459 Prospects for Pharmacological Intervention in Alzheimer Disease [723]
RR	Felman et al., <i>J. Med. Chem.</i> , 1992, 35:7, pp. 1183-1190 Synthesis and Antiulcer Activity of Novel 5-(2-Ethenyl Substituted)-3(2H)furanones [724]
RR	Games et al., <i>Letters to Nature</i> , 29/1995, 373:6514, pp. 523-527 Alzheimer-type Neuropathology in Transgenic Mice Overexpressing V717F β -amyloid Precursor Protein [441]
RR	Gao et al., <i>Tetrahedron Letters</i> , 1994, 50:4, pp. 979-988 Asymmetric Hetero Diels-Alder Reaction Catalyzed by Stable and Easily Prepared CAB Catalysts [882]
RR	Getman et al., <i>J. Med. Chem.</i> , 1993, 36:2, pp. 288-291 Discovery of a Novel Class of Potent HIV-1 Protease Inhibitors Containing the (R)-(Hydroxyethyl)urea Isostere [732]
RR	Ghosh et al., <i>J. Am. Chem. Soc.</i> , 2000, 122, pp. 3522-3523 Design of Potent Inhibitors for Human Brain Memapsin 2 (β -Secretase). [588]
RR	Ghosh et al., <i>J. Med. Chem.</i> , 1993, 36, pp. 2300-2310 Potent HIV Protease Inhibitors: The Development of Tetrahydrofuranlylglycines as Novel P ₁ -Ligands [869]

EXAMINER	DATE CONSIDERED
RR Ranganathan	6-10-03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

RECEIVED
DEC 19 2001
TECH CENTER 160012

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION FOR PATENT (Use several sheets if necessary)	Docket Number: 13615.21USU1	Application Number: 09/895,871
	Applicant: FANG ET AL.	
	Filing Date: JUNE 29, 2001	Group Art Unit: 1645

RR	Gould, <i>International Journal of Pharmaceutics</i> , 1986, 33:1-3, pp. 201 - 217 Salt Selection for Basic Drugs [566]
RR	Greene et al., <i>Protective Groups in Organic Synthesis</i> : 2nd Ed., 1991, Chpt. 7, pp. 309-405 Protection for the Amino Group [747]
RR	Greene, <i>Protective Groups in Organic Synthesis</i> , 1981, Chpt. 7, pp.218-287 Protection for the Amino Group [719]
RR	Hardy, <i>Nature Genetics</i> , 1992, 1, pp. 233-234 Framing β -Amyloid [725]
RR	Heck, <i>Palladium Reagents in Organic Syntheses</i> , 1985, Chpt. 8.2, pp. 342-365 Carbonylation of Aromatic Compounds to Acids, Acid Derivatives, Aldehydes and Ketones [870]
RR	Henning, <i>Organic Synthesis Highlights II</i> , 1995, pp. 251 - 259 A. Synthetic Routes to Different Classes of Natural Products and Analogs Thereof -- Synthesis of Hydroxyethylene Isoteric Dipeptides [565]
RR	Hon et al., <i>Heterocycles</i> , 1990, 31:10, pp. 1745-1750 The Studies of Metal Ion Catalyzed Carbon-Hydrogen Insertion of α -Alkoxy- α' -Diazoketones Derived from Mandelic and Lactic Acids [539]
RR	Hong et al., <i>Science</i> , 2000, 290:5489, pp. 150-153 Structure of the Protease Domain of Memapsin 2 (β -Secretase) Complexed with Inhibitor [440]
RR	Hussain et al., <i>Molecular and Cellular Neuroscience</i> , 1999, 14, pp. 419-427 Identification of a Novel Aspartic Protease (Asp 2) as β -Secretase [726]
RR	Kabalka et al., <i>Synth. Comm.</i> , 1990, 20(10), pp. 1445-1451 The Transformation of Nitriles into Amides [875]
RR	Kaldor et al., <i>Bioorganic and Medicinal Chemistry Letters</i> , 1995, 5:7, pp. 721-726 Isophthalic Acid Derivatives: Amino Acid Surrogates for the Inhibition of HIV-1 Protease [587]
RR	Kang et al., <i>Nature</i> , 1987, 325:6106, pp. 733-736 The Precursor of Alzheimer's Disease Amyloid A4 Protein Resembles a Cell-Surface Receptor [505]
RR	Kitaguchi et al., <i>Nature</i> , 2/11/1988, 331:6156, pp. 530-532 Novel Precursor of Alzheimer's Disease Amyloid Protein Shows Protease Inhibitory Activity [736]
RR	Klumpp et al., <i>J. Am. Chem. Soc.</i> , 1979, 101:23 Lithiation of Cyclopropylcarbinols [871]
RR	Lakouraj et al., <i>Indian Journal of Chemistry</i> , 1999, 38B, pp. 974-975 Selective Conversion of Nitriles to Amides by Amberlyst A-26 Supported Hydroperoxide [879]
RR	Larock, <i>Comprehensive Organic Transformations</i> , 1986, Chpt 4, pp. 972-985 Carboxylic Acids to Amides [555]
RR	Li et al., <i>Nature</i> , 2000, 405, pp. 689-694 Photoactivated V-secretase Inhibitors Directed to the Active Site Covalently Label Presenilin 1 [24]
RR	Li et al., <i>Nature</i> , 2000, 405:6787, pp. 689-694 Photoactivated Gamma-Secretase Inhibitors Directed to the Active Site Covalently Label Presenilin 1. [585]

EXAMINER	RR [Signature]	DATE CONSIDERED	6-10-03
----------	----------------	-----------------	---------

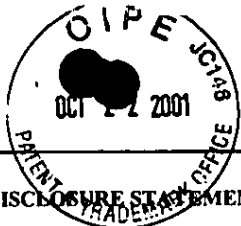
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

OCT 22 2001

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 13615.21USU1	Application Number: 09/895,871
	Applicant: FANG ET AL.	
	Filing Date: JUNE 29, 2001	Group Art Unit: 1645 1624

RR	Lin et al., <i>PNAS</i> , 2000, 97:4, pp. 1456-1460 Human Aspartic Protease Memapsin 2 Cleaves the β -Amyloid Precursor Protein [687]
RR	Luly et al., <i>Journal of Organic Chemistry</i> , 1987, 52:8, pp. 1487-1492 A Synthesis of Protected Aminoalkyl Epoxides from Alpha Amino Acids [558]
RR	Luo et al., <i>Nature Neuroscience</i> , 3/2001, 4:3, pp. 231-232 Mice Deficient in BACE1, the Alzheimer's β -secretase, have Normal Phenotype and Abolished β -amyloid Generation [210]
RR	March, <i>Advanced Organic Chemistry: Reactions, Mechanisms, and Structure</i> , 3d Ed., pp. 380-381 Aliphatic Nucleophilic Substitution [729] 1985
RR	Martin et al., <i>Tetrahedron Letters</i> , 1998, 39, pp. 1517-1520 Application of Almez-Mediated Amidation Reactions to Solution Phase Peptide Synthesis [540]
RR	Mashraqui et al., <i>J. Am. Chem. Soc.</i> , 1982, 104, pp. 4461-4465 Cyclophanes. 14. Synthesis, Structure Assignment, and Conformational Properties of [2.2](2,5)Oxazolo- and Thiazolophanes [872]
RR	McLendon et al., <i>The FASEB Journal</i> , 2000, 14:15, pp. 2383-2386 Cell-Free Assays for Gamma-Secretase Activity [359]
RR	Miyaura et al., <i>Chem. Rev.</i> , 1995, 95, pp. 2457-2483 Palladium-Catalyzed Cross-Coupling Reactions of Organoboron Compounds [720]
RR	Moersch et al., <i>Synthesis</i> , 1971, 12, pp. 647-649 The Synthesis of Alpha-Hydroxycarboxylic Acids by Aeration of Lithiated Carboxylic Acids in Tetrahydrofuran Solution [564]
RR	Murahashi et al., <i>J. Org. Chem.</i> , 1992, 57:9, pp. 2521-2523 Ruthenium-Catalyzed Hydration of Nitriles and Transformation of δ -Keto Nitriles to Ene-Lactams [877]
RR	Norman et al., <i>J. Med. Chem.</i> , 2000, 43, pp. 4288-4312 Structure-Activity Relationships of a Series of Pyrrolo[3,2-d]pyrimidine Derivatives and Related Compounds as Neuropeptide Y5 Receptor Antagonists [867]
RR	Owa et al., <i>J. Med. Chem.</i> , 1999, 42, pp. 3789-3799 Discovery of Novel Antitumor Sulfonamides Targeting G1 Phase of the Cell Cycle [866]
RR	Pirttila et al., <i>Neuroscience Letter</i> , 1998, 249, pp. 21-24 Longitudinal Study of Cerebrospinal Fluid Amyloid Proteins and Apolipoprotein E in Patients with Probable Alzheimer's Disease [738]
RR	Reetz et al., <i>Tetrahedron Letters</i> , 30:40, pp. 5425-5428 Protective Group Tuning in the Stereoselective Conversion of α -Amino Aldehydes into Aminoalkyl Epoxides [884] 1989
RR	Sabbagh et al., <i>Alzheimer's Disease Review</i> , 1997, 3, 1-19 β -Amyloid and Treatment Opportunities for Alzheimer's Disease [589]
RR	Sakurai et al., <i>Chemical & Pharmaceutical Bulletin</i> , 1993, 41:8, pp. 1378-1386 Studies of HIV-1 Protease Inhibitors, II, Incorporation of Four Types of Hydroxyethylene Dipeptide Isosteres at the Scissile Site of Substrate Sequences [549]
RR	Sakurai et al., <i>Tetrahedron Letters</i> , 1993, 34:10, pp. 5939-5942 A New Synthetic Route for the Gamma-Lactone Precursors of Hydroxyethylene Dipeptide Isosteres [563]

EXAMINER	RR [Signature]	DATE CONSIDERED	[Signature]
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			



TECH CENTER 1600/2900

DEC 19 2001

RECEIVED

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 13615.21USU1	Application Number: 09/895,871
	Applicant: FANG ET AL.	
	Filing Date: JUNE 29, 2001	Group Art Unit: 4602/2900

RR	Sebti et al., <i>Tetrahedron Letters</i> , 1996, 37:36, pp. 6555-6556 Catalyse Heterogene de L'Hydratation des Nitriles en Amides par le Phosphate Naturel Dope par KF et le Phosphate Trisodique [878]
RR	Selkoe, <i>Nature</i> , 1999, 399:6738, pp. A23-A31 Translating Cell Biology into Therapeutic Advances in Alzheimer's Disease [541]
RR	Selkoe, <i>Neuron</i> , 1991, 6:4, pp. 487-498 The Molecular Pathology of Alzheimer's Disease [742]
RR	Seubert, et al., <i>Nature</i> , 9/1992, 359:6393, pp. 325327 Isolation and Quantification of Soluble Alzheimer's β -peptide from Biological Fluids [503]
RR	Shearman et al., <i>Biochemistry</i> , 2000, 39, pp. 86989704 L-685, 458, an Aspartyl Protease Transition State Mimic, is a Potent Inhibitor of Amyloid β -Protein Precursor γ -Secretase Activity [394]
RR	Shibata et al., <i>Tetrahedron Letters</i> , 1997, 38:4, pp. 619-620 An Expeditious Synthesis of (2R,3S)-3-tertButoxycarbonylamino-1-isobutylamino-4-phenyl-2-butanol, a Key Building Block of HIV Protease Inhibitors [583]
RR	Sinha, et al., <i>Nature</i> , 12/2/1999, 402:6761, pp. 537540 Purification and Cloning of Amyloid Precursor Protein β -secretase from Human Brain [743]
RR	Smith et al., <i>Advanced Organic Chemistry - Reactions, Mechanisms and Structure</i> , 2001, 5ed., Chpt. 19, pp. 1552-1554 Reduction of Carboxylic Acids and Esters to Alkanes [919]
RR	Snyder et al., <i>J. Am. Chem. Soc.</i> , Jan - Jun 1938, pp. 105-111 Organoboron Coimounds, and the Study of Reaction Mechanisms. Primary Aliphatic Boronic Acids [873]
RR	Thurkauf et al., <i>J. Med. Chem.</i> , 1990, 33, 1452-1458 Synthesis and Anticonvulsant Activity of 1-Phenylcyclohexylamine Analogues [749]
RR	Tucker et al., <i>J. Med. Chem.</i> , 1992, 35:14, pp. 2525-2533 A Series of Potent HIV-1 Protease Inhibitors Containing a Hydroxyethyl Secondary Amine Transition State Isostere: Synthesis, Enzyme Inhibition, and Antiviral Activity [731]
RR	Vassar et al., <i>Science</i> , 10/22/1999, 286:5440, pp. 735-741 β -Secretase Cleavage of Alzheimer's Amyloid Precursor Protein by the Transmembrane Aspartic Protease BACE [750]
RR	Vazquez et al., <i>J. of Med. Chem.</i> , 1995, 38:4, pp. 581-584 Inhibitors of HIV-1 Protease Containing the Novel and Potent \oplus -Hydroxyethyl)sulfonamide Isostere [582]
RR	Wang et al., <i>Synlett</i> , 6/2000, 6, pp. 902-904 Preparation of α -Chloroketones by the Chloroacetate Claisen Reaction [886]
RR	Werner et al., <i>Organic Syntheses</i> 1973, Collective Vol. 5, pp. 273-276 Cyclobutylamine* [752]
RR	Wilgus, et al., <i>Tetrahedron Letters</i> , 1995, 36:20, pp. 3469-3472 The Acid-Catalyzed and Uncatalyzed Hydrolysis of Nitriles on Unactivated Alumina [880]
RR	Yan et al., <i>Nature</i> , 12/1999, 402:6761, pp. 533-537 Membrane-anchored Aspartyl Protease with Alzheimer's Disease β -secretase Activity [753]

EXAMINER	RR [Signature]	DATE CONSIDERED	6-10-03
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

Date Mailed:

Sheet 11 of 11

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 13615.21USU1	Application Number: 09/895,871
	Applicant: FANG ET AL.	
	Filing Date: JUNE 29, 2001	Group Art Unit: 1645 1624



EXAMINER <i>RR</i>	DATE CONSIDERED <i>6-10-03</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

Form PTO-1449 U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

Serial No.

01-1693-F

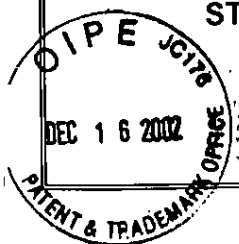
09/895,871

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Applicant: Fang, et al.

Filing Date:
June 29, 2001

Group: 1645



RECEIVED
DEC 17 2002
TECH CENTER 1601/2900

FOREIGN PATENT DOCUMENTS

Examiner Initial	No.	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
RR ✓	1.	WO 99/65870	12/23/99	PCT	—	—		
RR ✓	2.	WO 96/22287	7/25/96	PCT	—	—		
RR ✓	3.	EP 0, 432, 694	6/19/91	Europe	—	—		

OTHER DOCUMENTS - Including Author, Title, Date, Pertinent Pages, Etc.

Examiner Initial	No.	
RR ✓	4.	Chevallier N. et al., Cathepsin D displays in vitro β -secretase-like specificity, Brain Research 750 (1997), pages 11-19
RR ✓	5.	Kick E.K. et al., Structure-based design and combinatorial chemistry yield low nanomolar inhibitors of cathepsin D, Chemistry and Biology, April 1997, 4:297-307
RR ✓	6.	Ng J.S. et al., A practical synthesis of an HIV protease inhibitor intermediate – Diastereoselective epoxide formation from chiral α -aminoaldehydes, Tetrahedron Vol 51, No 23, pages 6397-6410, 1995

Examiner

RR Raymond

Date Considered

6-10-03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with any communication.

FORM PTO-1449
(Rev. 2-32)U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

Serial No.

01-1693-F

09/895,871

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant:

Fang et al.

Filing Date:

June 29, 2001

Group:

162-1
1645

RECEIVED
JAN 31 2003
TECH CENTER 1600/2900

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
of record	✓	WO 99/65870	23 Dec 1999	PCT				
	✓	WO 96/22287	26 Jul 1996	PCT				
	✓	EP 0,432,694	19 Jun 1991	Europe				X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

of record	✓	Chevallier N. et al., Cathepsin D displays in vitro β -secretase-like specificity, Brain Research 750 (1997), pages 11-19
	✓	Kick E.K. et al., Structure-based design and combinatorial chemistry yield low nanomolar inhibitors of cathepsin D, Chemistry and Biology, April 1997, 4: 297-307
	✓	Ng J.S. et al., A practical synthesis of an HIV-protease inhibitor intermediate — Diastereoselective epoxide formation from chiral α -aminoaldehydes, Tetrahedron Vol 51, No 23, pages 6397-6410, 1995

EXAMINER

R. R. Russell

DATE CONSIDERED

6-10-03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.